

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	10/816259	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 07:54
S2	0	"10816259"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 10:27
S3	1317	(flash\$3 near5 memory) with ferro\$10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:00
S4	5103	((flash\$3 \$4volatile) near5 memory) with ferro\$10	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 10:31
S5	246	polymer near3 ferroelectric with memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 10:31
S6	4	(polymer near3 ferroelectric with memory) with (metal\$5 near5 (electrode plate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 13:33
S7	1	"6545384".PN.	USPAT; USOCR	OR	ON	2005/08/22 10:50
S8	1	"6072716".PN.	USPAT; USOCR	OR	ON	2005/08/22 10:50
S9	1	"5705888".PN.	USPAT; USOCR	OR	ON	2005/08/22 10:50
S10	1	"5436742".PN.	USPAT; USOCR	OR	ON	2005/08/22 10:50
S11	284	( ferroelectric with memory) with (metal\$5 near5 (electrode plate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 10:51
S12	0	((ferroelectric near5 fluoride) with memory) with (metal\$5 near5 (electrode plate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 10:52
S13	0	((ferroelectric with memory) with (metal\$5 near5 intride) near5 (electrode plate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 10:53
S14	0	((ferroelectric with memory) with (metal\$5 near5 tride) near5 (electrode plate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 10:54
S15	4	((ferroelectric with memory) with (metal\$5 near5 nitride) near5 (electrode plate))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 10:54
S16	3	(polymer near3 ferroelectric with memory) with (metal\$5 near5 nitride)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 13:37

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S17	0	(polymer near3 ferroelectric with memory) with (tatalum near5 nitride)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 13:40
S18	0	(polymer near3 ferromagnetic with memory) with (tatalum near5 nitride)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 13:37
S19	0	(polymer near3 ferromagnetic with memory) with (metal near5 nitride)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 13:39
S20	19	(polymer with memory) with (metal near5 nitride)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 13:39
S21	5	(polymer near3 ferroelectric with memory) with (capacitor)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 14:05
S22	3	(polymer near3 ferroelectric with memory) with (nitride near5 metal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 14:06
S23	3	(polymer near4 ferroelectric with memory) with (nitride near5 metal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 14:06
S24	3	(polymer near5 ferroelectric with memory) with (nitride near5 metal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 14:06
S25	3	(polymer with ferroelectric with memory) with (nitride near5 metal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 14:09
S26	19	(polymer with memory) with (nitride near5 metal)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/08/22 14:09
S27	1	10/816259	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 10:26
S28	0	polymer with ferroelctric with memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:00
S29	0	(polymer with ferroelctric) with memory	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:00
S30	1	(polymer with ferroelctric)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:01
S31	527	(metal near3 nitride) same (metal near3 oxide) same electron	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:03

## EAST Search History

S32	32	(metal near3 nitride) same (metal near3 oxide) same electron with trap	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/05 20:22
S33	0	intel and renavikar	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:45
S34	2011	intel and li	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:42
S35	32	intel same li	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:42
S36	0	intel same li near3 jian	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:43
S37	28	intel and li near3 jian	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:43
S38	19	S37 and electron	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:44
S39	0	S37 and (electron same trap)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:44
S40	2	S37 and (electron same hole)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:44
S41	0	intel and mukui	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:45
S42	2	intel and mukul	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:46
S43	1	intel and gudbjorg	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:48
S44	0	intel and renavika	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 09:48
S45	2	"6756620"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/03/05 10:26
S46	40	(metal near3 nitride) same electron with trap	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/05 20:23

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S47	1840	(metal near3 nitride) same hole	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/05 20:23
S48	0	(nitride) same of near hole	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/05 20:24
S49	12274	(nitride) with hole	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/05 20:24
S50	17	(nitride) with hole near4 excess	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/05 20:31
S51	146	(nitride) with hole with trap with (electron charge)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 21:36
S52	128792	(electrode plate) with (top bottom lower upper first second) with metal	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 07:09
S53	13837	S52 and (electrode plate) with (top bottom lower upper first second) with dielectric	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 07:09
S54	3065	S53 and (electrode plate) with (top bottom lower upper first second) with nitride	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 07:09
S55	2183	S54 and (electrode plate) with (top bottom lower upper first second) with oxide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 07:10
S56	4	S55 and (nitride) with hole with trap with (electron charge)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 07:16
S57	23	S55 and (nitride) with hole with (trap electron charge)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 14:46
S58	11803	ferroelectric near3 (film layer)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 14:47
S59	672	ferroelectric near3 (film layer) with nitride	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 14:47
S60	129	ferroelectric near3 (film layer) with nitride near3 (metal tantalum)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 21:12
S61	1	"6420190".PN.	USPAT; USOCR	OR	OFF	2006/08/06 21:04
S62	5	("5335138"   "5627013"   "5686151"   "5846686"   "5874364").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/06 21:04

## EAST Search History

S63	6	(metal near3 nitride) with hole with trap with (electron charge)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 21:40
S64	54	(metal tantalum titanium near3 nitride) with hole with trap with (electron charge)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 21:42
S65	6	((metal tantalium) near3 nitride) with hole with trap with (electron charge)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/06 21:43
S66	27	((metal tantalium) near3 nitride) with hole with (trap electron charge)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/07 05:54
S67	7	"6798003"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/07 05:54
S68	3	("6495878"   "6624457"   "6798003").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/07 06:08
S69	3	("6582569" "6812509" "6878980").PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 10:17
S70	2	("6284654"   "6686236").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 09:10
S71	1	10/816259	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 09:32
S72	3	"6878980"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/08/08 09:32
S73	15	("6582569" "6812509" "6878980")	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 10:18
S74	5	S73 and tantalum with oxide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 11:04
S75	3508	hafnium and tantalum near3 oxide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 11:04
S76	2279	hafnium with tantalum near3 oxide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 11:04
S77	49	(hafnium with doped) with tantalum near3 oxide	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 11:15

## EAST Search History

S78	1	(hafnium with doped) with tantalum near3 oxide with electron	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 11:05
S79	20	(hafnium) with tantalum near3 oxide with electron	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/08 11:05